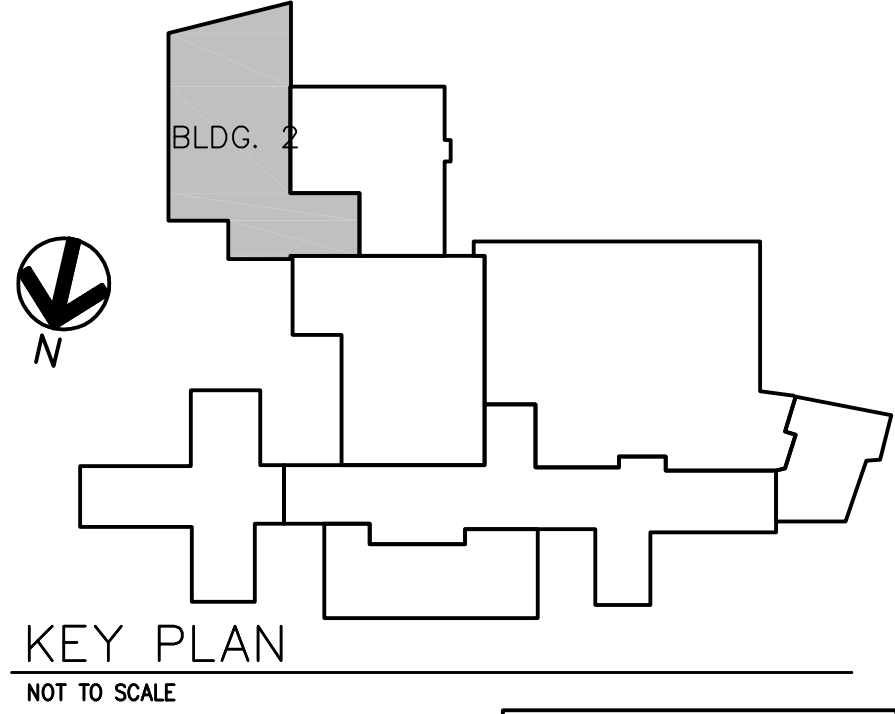


- FIRE PROTECTION NOTES:**
1. PIPING IS SHOWN IN SCHEMATIC FORM, ROUTE AS REQUIRED FOR CLEARANCE WITH EXISTING CONDITIONS AND OTHER TRADES.
 2. PIPE REDUCTIONS ON HORIZONTAL PIPING GOING FROM LARGER TO SMALLER SHALL BE MADE WITH ECCENTRIC REDUCERS. TOP FLAT FOR LIQUID SYSTEMS. CONCENTRIC REDUCERS MAY BE USED FOR FLOW GOING FROM SMALL TO LARGER SIZE PIPE.
 3. FIRE SAFE. ALL PIPE PENETRATIONS PER UL AT RATED WALLS/FLOORS.
 4. FLOOR/WALL/CEILING PENETRATIONS REQUIRED FOR PIPING INSTALLATION SHALL BE CLEANLY BORED AT RIGHT ANGLES. AS NEW PIPING IS INSTALLED, NEW PENETRATIONS SHALL BE NEATLY CAULKED TO FULL VOID. EXPOSED WALL PENETRATIONS SHALL BE FINISHED WITH ESCUTCHEONS.
 5. COORDINATE LOCATION OF ALL PIPING REQUIREMENTS WITH OTHER TRADES.
 6. SPRINKLER SYSTEMS SHALL BE BASED ON THE FOLLOWING DESIGN CRITERIA.
 - A. CORRIDORS, OFFICES AND LIGHTLY LOADED NON-STORAGE AREAS: 0.10 GPM/SQ FT OVER 1500 SQ FT. INCLUDE 250 HOSE ALLOWANCE.
 - B. MECHANICAL, ELECTRICAL AND STORAGE AREAS WITH ORDINARY COMBUSTIBLES (LESS THAN 10 FT HIGH): 0.20 GPM/SQ FT OVER 2500 SQ FT. INCLUDE 250 GPM HOSE ALLOWANCE.
 8. SPRINKLER PIPING TO BE ROUTED IN AREAS WITH NO CEILINGS (REFER TO REFLECTED CEILING PLAN) SHALL BE EXPOSED AND THE SPRINKLER HEADS SHALL BE QUICK RESPONSE, UPRIGHT TYPE. SPRINKLER HEADS LOCATED WITHIN MECHANICAL ROOMS, ELECTRICAL ROOMS OR STORAGE ROOMS SHALL BE PROVIDED WITH A GUARD.
 9. SPRINKLER PIPING TO BE ROUTED IN AREAS WITH ACoustICAL LAY-IN CEILINGS (REFER TO REFLECTED CEILING PLAN) SHALL BE ROUTED ABOVE THE CEILING AND THE SPRINKLER HEADS SHALL BE QUICK RESPONSE SEMI-RECESSED PENDANT TYPE WITH ADJUSTABLE ESCUTCHEON.
 10. EXISTING SPRINKLERS SHALL REMAIN IN SERVICE THROUGHOUT THE COURSE OF THE PROJECT. DOWNTIME OF THE SERVICE SHALL BE KEPT TO A MINIMUM AND SHALL BE COORDINATED WITH THE OWNER.

LEGEND

THE SHADED AREA DENOTES SPACES TO BE SPRINKLERED TO MEET NFPA 13.



2-2

Veterans Administration

DRAWING NO.
2-F2
Dwg. 24.01 24

Project Title
RENOVATE AND EXPAND SPACE FOR PATIENT SUPPORT AREAS

Building Number 2

Location IOWA CITY VA HEALTH CARE SYSTEM
IOWA CITY, IOWA

Drawing Title
SECOND FLOOR FIRE PROTECTION PLAN

Approved: Division Chief

Approved: Service Director

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Revisions	Date